

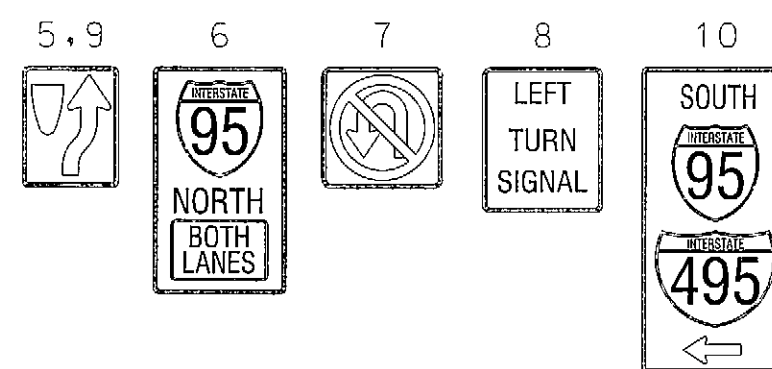


MD 202 IS ASSUMED TO RUN  
IN AN EAST/WEST DIRECTION

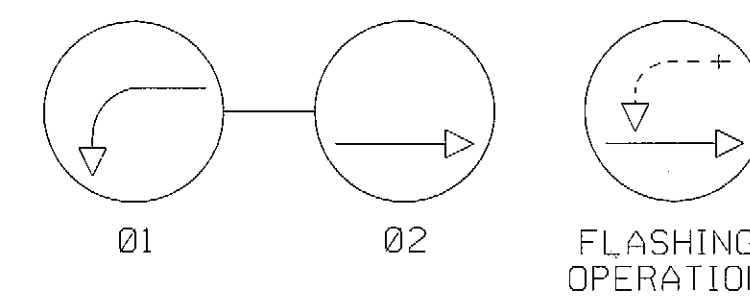
#### EXISTING SIGNALS

1,2 3,4  
R Y G R Y G  
12" 12"

#### EXISTING SIGNS



#### NEMA PHASING



**NOTES:**  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

SHA RIGHT OF WAY

SHA RIGHT OF WAY

TO MD 704

SEE TS 3623 FOR  
TRAFFIC SIGNAL DETAILS

MD 202

MD 202

TO MD 214

I-95 RAMP

SHA RIGHT OF WAY

MATCH LINE A, SEE SHEET 58

#### CONSTRUCTION DETAILS:

- PRIOR TO THE REMOVAL OF THE MEDIAN IN STAGE I OF THE MOT, THE TRAFFIC SIGNAL CONTRACTOR SHALL DISCONNECT THE LOOP WIRES FROM THE ALUMINUM SHIELDED CABLE AND PULL-BACK THE ALUMINUM SHIELDED CABLE TO HANDHOLE NOTE C. THE CONTRACTOR SHALL LOCATE AND MARK THE CONDUIT BETWEEN EXISTING HANDHOLES SO AS TO REUSE THIS CONDUIT WHEN RE-RUNNING THE PULLED BACK ALUMINUM SHIELDED CABLE. INSTALL NEW HANDHOLE WITH MEDIAN RECONSTRUCTION AND SPLICE NEW LOOP WIRES TO EXISTING ALUMINUM SHIELDED CABLE.
- PRIOR TO THE REMOVAL OF THE MEDIAN IN STAGE I OF THE MOT, THE TRAFFIC SIGNAL CONTRACTOR SHALL REMOVE THE HANDHOLE FOR THE NON-INVASIVE MICROLOOP PROBE. THE CONTRACTOR SHALL LOCATE AND MARK THE CONDUIT BETWEEN EXISTING HANDHOLES SO AS TO RECONNECT THE CONDUIT. INSTALL NEW HANDHOLE WITH MEDIAN RECONSTRUCTION.
- USE EXISTING HANDHOLE TO PULL BACK THE ALUMINUM SHIELDED CABLE. RECONNECT CABLE TO THE NEW HANDHOLE AFTER INSTALLATION OF THE HANDHOLE IN THE MEDIAN.
- INSTALL 6' x 30' LOOP DETECTOR ENCASED IN 1/4" FLEXIBLE TUBING QUADRUPOLE TYPE (3-6-3).
- INSTALL 6' x 6' LOOP DETECTOR ENCASED ON 1/4" FLEXIBLE TUBING (4 TURNS).
- INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- INSTALL HANDHOLE ON EXISTING CONDUIT.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. PROVIDE CONDUIT AND CONNECTIONS TO CONDUIT IN THE BRIDGE PARAPET WALL.
- USE EXISTING CONDUIT.
- USE EXISTING CABINET.
- USE EXISTING HANDHOLE.
- REMOVE EXISTING HANDHOLE.
- CAP AND ABANDON EXISTING CONDUIT.
- USE EXISTING HANDHOLE. PULL BACK THE EXISTING INTERCONNECT CABLE FROM THE TRAFFIC SIGNAL CABINET AT THE INTERSECTION OF MD 202 AND NB I-95/495 OFF-RAMP. COIL THE EXISTING INTERCONNECT CABLE IN THE HANDHOLE. ADJUST HANDHOLE AS NECESSARY. RECONNECT INTERCONNECT CABLE THROUGH THE EXISTING/ PROPOSED CONDUIT ROUTE AS SHOWN.

#### GENERAL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE CONSTRUCTION OF THE NEW HANDHOLES IN THE MEDIAN, LOOPS AND CONDUIT TIE-INS AT THE BRIDGE PARAPET WALL WITH THE GENERAL CONTRACTOR.

#### GEOMETRIC LEGEND

--- EXISTING  
--- PROPOSED

#### UTILITY LEGEND

SD STORM DRAIN  
G GAS MAIN  
W WATER MAIN  
S SEWER MAIN  
E ELECTRIC CABLES  
A AERIAL CABLES  
T TELEPHONE CABLES  
F FIBER-OPTIC

BY: xiaoyu



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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
8/10 TMS NO. SHA NO. PG6905180 REINSTALL LOOP DETECTORS AND INSTALL INTERCONNECT CABLE FOR THE HIGH RAMP X.M. SDY TMS NO. PG6905180

#### SIGNALIZATION PLAN SHEET

SCALE 1" = 20' DATE 3/85 CONTRACT NO. P732-508-372

DESIGNED BY J. A. BARRACK COUNTY PRINCE GEORGE'S  
DRAWN BY INTERGRAPH LOGMILE 16020209.63  
CHECKED BY JCKMITS TMS NO.  
F.A.P. NO. TOD NO.

TS NO. 2073A DRAWING SG-01 OF 3 SHEET NO. 57 OF 63

PLOTTED: 8/11/2010 AT 03:19  
FILE: P:\03-010 MSHA Bridge\03-010.23 MD202 over I495\Drawings\Structural\Works\c:\p83-P001\_MD202@I495Ramp.dgn